

then by drying with an air flow at a temperature of about 21°C and with about 20% moisture.

CLAIMS

1. A biologically pure culture made of the strain of Bifidobacterium Longum LMG P-21586.
2. A biologically pure culture made of the strain of Bifidobacterium Longum LMG P-21587.
3. Use of the biologically pure cultures according to each of claims 1 and 2 as probiotics within preparations of pharmaceutical or alimentary type in order to help the gastrointestinal health and to prevent and treat the intestinal pathologies.
4. Preparations of pharmaceutical or alimentary type containing a bacterial charge between 1×10^7 and 1×10^{11} of alive cells coming from a biologically pure culture made of the strain of Bifidobacterium Longum LMG P-21586.
5. Preparations of pharmaceutical or alimentary type containing a bacterial charge between 1×10^7 and 1×10^{11} of alive cells coming from a biologically pure culture made of the strain of Bifidobacterium Longum LMG P-21587.
6. Preparations according to each of claims 4 and 5 characterized in that they contain a prebiotic in the shape of oligosaccharides.
7. Preparations according to claim 6 characterized in that the oligosaccharides are fructo-oligosaccharides with a polymerization degree between 2 and 10 or inuline.
8. Preparations according to each of claims from 4 to 7 characterized in that they contain vitamins.
9. Preparations according to claim 8 characterized in that the vitamins are the vitamins E, B1, B2, B6 and B12.
10. Preparations according to each of claims from 4 to 9 characterized in that they are selected from capsules, tablets, packets, troches,

liquid suspensions, dry oral supplements, liquid oral supplements, vials, milk, yogurt, fresh cheese, ice-creams, products made of fermented cereals, milk powders, children's products and products for domestic animals.
